

## Product datasheet for RN213693

### Calhm5 (NM\_001024977) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Calhm5 (NM_001024977) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Calhm5
Synonyms:	Fam26e; RGD1310405
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213693 representing NM_001024977 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATGCTTTTCAGAGCATTTTAAAATCTTTCTTAACCAAAAACTGCTATTGGTTACAGCTTCATGG  
CTTTGCTCACCGTGGGAAGTGAACGTCTCTTCTCCCTAGTGCCATTTAAGTGCCCTGCAGCATTGAGAA  
CACTGCATATGGACTGGTTTTCTCTTTGCCCTGCCTGGGTGTTACTGATCCTTGGATTCTTTCTGAAT  
AACCAAGGCTGGAGGCTTCTCACTGGTTGCTGTATGAACCCCAAAAAATTTCTAGGAGACGCTGCT  
GCCGCTTCTTCTACGTCCTGGCCACATCACACTGAGTTCAGTGGTCCGGTATGTGGCTCTCTGT  
GGCTTTGCTTAATGGGACGTTTTATGAATGTGCTATGAGTGGAACAAGAAGTACAAGACTCCTGGAGATG  
ATTTGCAAGGGGAAGCCAAAGAGTGCTGGGAAGAACTGCACAAAGTCTCTTGCGGTAAGTAGCATGG  
CAGCCATGGACAGTGAAGAGGTGAGGCTGTCTCTGCAGGCCAGTCTCAGATTCTAGGATGGTGCCTGAT  
TTGTTCCAGCATCCTTCTCTCCCTGCTGACCACTTGTTATGCACGCTGCAGATCTAAAGTCAGCTATCTG  
CAGCTGAGTTTTTGAAGACATATGCACAAAGGGAGAAGGAGCAATTGAAAAACAACTCCTGGAATATG  
CCAACAAGCTGAGCGAGAGGAACCTCAAATGCTTTTTTGAACAAGAAGCCAGATCCTTTTCCCATGCC  
CTCTTTTGCTGCCTGGGAGGCTGCATCCGAGCTACACTCCTTCCACCAAGACCGTGAGCACTATAGCACC  
CTCCACAAGGTGGTAGATGATGGTCTGGAACAACTCCCAAGAGGAAGACGACAATGATCCTTGTTGG  
GTACCGCCAGAGTTTATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001024977



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<b>Insert Size:</b>	930 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001024977.1</a> , <a href="#">NP_001020148.1</a>
<b>RefSeq Size:</b>	1723 bp
<b>RefSeq ORF:</b>	930 bp
<b>Locus ID:</b>	294431
<b>UniProt ID:</b>	<a href="#">Q5FWS4</a>
<b>Cytogenetics:</b>	20q11
<b>Gene Summary:</b>	Pore-forming subunit of a voltage-gated ion channel.[UniProtKB/Swiss-Prot Function]